

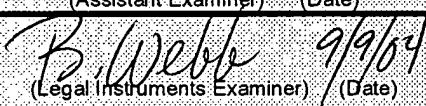


Issue Classification 	Application No.	Applicant(s)	
	09/942,864	NARIMATSU ET AL.	
	Examiner	Art Unit	
	Mark W Bockelman	3762	

ISSUE CLASSIFICATION												
ORIGINAL					CROSS REFERENCE(S)							
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
600		528			600	500						
INTERNATIONAL CLASSIFICATION												
A	6	1	B	5/02								
				/								
				/								
				/								
				/								
_____ (Assistant Examiner) (Date)					 Mark Bockelman 09-02-2004 (Primary Examiner) (Date)					Total Claims Allowed: 11		
 (Legal Instruments Examiner) (Date)										O G Print Claim(s) 1	O G Print Fig. 4	





<input type="checkbox"/> Claims renumbered in the same order as presented by applicant												<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original		Final	Original	
1	1		31			61			91			121			151			181					
2	2		32			62			92			122			152			182					
4	3		33			63			93			123			153			183					
6	4		34			64			94			124			154			184					
3	5		35			65			95			125			155			185					
5	6		36			66			96			126			156			186					
7	7		37			67			97			127			157			187					
8	8		38			68			98			128			158			188					
9	9		39			69			99			129			159			189					
10	10		40			70			100			130			160			190					
	11		41			71			101			131			161			191					
11	12		42			72			102			132			162			192					
	13		43			73			103			133			163			193					
	14		44			74			104			134			164			194					
	15		45			75			105			135			165			195					
	16		46			76			106			136			166			196					
	17		47			77			107			137			167			197					
	18		48			78			108			138			168			198					
	19		49			79			109			139			169			199					
	20		50			80			110			140			170			200					
	21		51			81			111			141			171			201					
	22		52			82			112			142			172			202					
	23		53			83			113			143			173			203					
	24		54			84			114			144			174			204					
	25		55			85			115			145			175			205					
	26		56			86			116			146			176			206					
	27		57			87			117			147			177			207					
	28		58			88			118			148			178			208					
	29		59			89			119			149			179			209					
	30		60			90			120			150			180			210					

600	528
Class	Subclass

ISSUE CLASSIFICATION

PATENT NUMBER

U.S. UTILITY Patent Application

<p>  </p> <p>  </p> <p>  </p>	<p>  </p>
---	--

APPLICATION NO. 09/942864	CONT/PRIOR F	CLASS 600	SUBCLASS 528	ART UNIT 3762	EXAMINER Buckelman
------------------------------	-----------------	--------------	-----------------	------------------	-----------------------

Kiyoyuki Narimatsu
Toshihiko Ogura

Heart-sound detecting apparatus

PTO-2040
12/89

BEST AVAILABLE COPY

ISSUING CLASSIFICATION								
ORIGINAL			CROSS REFERENCE(S)					
CLASS		SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
600		528	600	500				
INTERNATIONAL CLASSIFICATION								
A	G	B	5/02					

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <i>13</i>	Figs. Drwg. <i>13</i>	Print Fig. <i>4</i>	Total Claims <i>11</i>	Print-Claim for O.G. <i>1</i>
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ _____ _____	MARK BOCKELMAN PRIMARY EXAMINER <i>Mark Bockelman</i> <i>9-2-04</i> (Primary Examiner) (Date)			ISSUE FEE	
				Amount Due Date Paid	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER	
WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-436A
(Rev. 6/89)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

(FACE)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.